EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2586	generat$6 and display$6 same (page$2 or data or web) same process$6 adj time	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:19
L2	69	navigat$6 same latency same process$6 same time	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:19
L3	150	load$4 adj time same (web adj page or URL or file) and client adj server	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:20
L4	2	transaction same process$6 same load$6 adj (data or web) same (load$4 adj time)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:24
L5	1144	client adj server same (time same wait$4 or processing adj time or response adj time)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:22
L6	23	1 and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:40
L7	50	request same load$6 adj data same (time adj load$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:32
L8	1	data adj generat$6 near4 progres$4 and load$4 adj time	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:32
L9	157	((load$4 or process$4) with time) same (web adj page or URL or file) same client adj server	USPAT	OR	ON	2006/09/29 11:34
L10	4	1 and 9	USPAT	OR	ON	2006/09/29 11:34
L11	0	7 and 9	USPAT	OR	ON	2006/09/29 11:34
L12	61	5 and 9	USPAT	OR	ON	2006/09/29 11:34
L13	0	5 and 7	USPAT	OR	ON	2006/09/29 11:34
L14	0	1 and 7	USPAT	OR	ON	2006/09/29 11:34
L15	108	generat$6 adj request same (web adj page or data or URL) same client adj server	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:35

L16	2	9 and 15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:35
L17	0	7 and 15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:35
L18	2	1 and 15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:35
L19	8	5 and 15	US-PGPUB; USPAT; EPO; JPO; ⁻DERWENT	OR	ON	2006/09/29 11:35
L20	25	load$4 adj time same (web adj page or URL or file) and client adj server.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:35
L21	4362	709/217.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:41
L22	5120	709/223.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:41
L23	5367	709/224.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:41
L24	16	1 and 21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:46
L25	63	5 and 21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:46
L26	0	7 and 21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:46
L27	13	1 and 22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:46

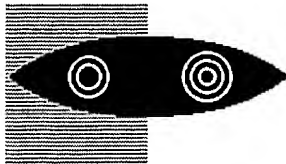|						
L28	80	5 and 22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:46
L29	12	9 and 22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:46
L30	22	1 and 23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:46
L31	121	5 and 23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:47
L32	13	9 and 23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:47
L33	1	7 and 23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:12
L34	286	703/19.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:12
L35	807	703/22.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:12
L36	1	1 and 34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:14
L37	3	1 and 35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:14
L38	1	5 and 34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:14
L39	3	5 and 35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:13

L40	0	7 and 34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:13
L41	0	7 and 35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:13
L42	0	9 and 34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:13
L43	3	9 and 35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:13
L44	232	(load$4 adj time or consum$6 adj time) same ((trasnmit$6 or load$6) adj data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:15
L45	363	(load$4 adj time or consum$6 adj time or process$4 adj time) same ((trasnmit$6 or load$6) adj data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:46
L46	1045	713/500.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:52
L47	736	713/501.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:52
L48	7	1 and 46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:53
L49	4	1 and 47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:53
L50	1	5 and 46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 13:46
L51	1	5 and 47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:53

L52	0	7 and 46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:53
L53	0	7 and 47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:53
L54	0	9 and 46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:53
L55	0	9 and 47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:53
L56	1	44 and 46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:53
L57	2	45 and 46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:53
L58	0	44 and 47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:53
L59	2	45 and 47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:53
L60	1508	716/6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 13:47
L61	23	1 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 13:47
L62	0	5 and 60	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 13:47
L63	1	7 and 60	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 13:47

L64	0	9 and 60	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 13:47

WEB RESULTS by Google (Showing Results 1 - 10 of 51,700)

1. Web Test Tools
WSOP - Website **load time** testing and optimization tool from SoftLogica LLC; ...
Works by asking the user to submit the **URL** of their **page**, then to review ...
http://www.softwareqatest.com/qatweb1.html

2. Mark's Sysinternals Blog: Sony, Rootkits and Digital Rights ...
I **predict** that maybe the next **time** you're purchasing a music CD with similar DRM
... I have set up a **webpage** at my site with contact information and a ...
http://www.sysinternals.com/blog/2005/10/sony-rootkits-and-digital-rig...

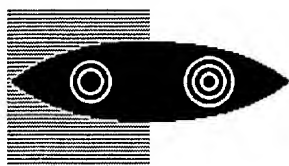## 3. Web Montage: A Dynamic Personalized Start Page
MONTAGE records the **time** and date of each **page** visited, its **URL**, ... MONTAGE with
a **web** prefetching system to greatly improve the **load time** of the ...
http://www2002.org/CDROM/refereed/468/

4. Just-in-**time** Conversion, Just-in-case Collections
Real-**time** transformation of high-resolution **page** images and richly encoded documents
... for **display**, and yet to make them available in **Web**-capable formats, ...
http://www.dlib.org/dlib/may97/michigan/05pricewilkin.html

5. Introduction
The **Page** Listing **Web** Part uses additional properties to track the **URL** of the MCMS
... because indexing and search requests require a lot of

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Search using: MSN   Ask.com   Google

- **predict loading time and processing...**
  Helpful Links for **predict loading time and processing time and display**
  www.toseeka.com

WEB RESULTS by Google (Showing Results 1 - 10 of 243,000)

1. nCode - managing durability » About Us
Time Domain **Processing** ... Studio FE **Display** ...
powerful solutions in operational
load management, fatigue **prediction**, and durability
**process** integration. ...
http://www.ncode.com/page.asp%3Fsection%
3D000100010006

2. Analysis **prediction** template toolkit (APTT) for real-**time** image ...
ANALYSIS **PREDICTION** TEMPLATE TOOLKIT (APTT)
FOR REAL-**TIME**. IMAGE **PROCESSING**. N.
Sarvan, R. Durrant, M. Fleury, A. C. Downton and A. F.
Clark ...
http://ieeexplore.ieee.org/iel5/6426/17151/00791362.pdf

3. Real-**time** Simulation And Supervisory Control; The Next Logical ...
Operator **Display**. Real-**Time**. Simulator. +.
Warning/Alarm. --+. **Prediction** ...
Use simulation to re-**process** previously recorded
message logs by ...
http://ieeexplore.ieee.org/iel3/4210/12267/00564910.pdf%
3Farnumber%3D5...

4. ANALYSIS **PREDICTION** TEMPLATE TOOLKIT (APTT) FOR REAL-**TIME** IMAGE ...
ANALYSIS **PREDICTION** TEMPLATE TOOLKIT (APTT)
FOR REAL-**TIME**. IMAGE **PROCESSING**. N.
Sarvan, R. Durrant, M. Fleury, AC Downton and AF
Clark ...
http://www.essex.ac.uk/ese/research/mma_lab/pstespa/aptt/paperVault/IP...

5. The Case For **Prediction**-based Best-effort Real-**time** Systems
is a study of linear **time** series models for **predicting**
host **load** that shows that
simple ... The **prediction process** begins by fitting a
model to a history of ...
http://reports-archive.adm.cs.cmu.edu/anon/1998/CMU-
CS-98-174.pdf
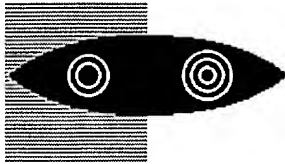
display or provide client predict loading or provide client predict loading time and processing time and re   Advanced Sea

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- **display or provide client predict loading...**
  Helpful Links for **display or provide client predict loading time and processing time and reissue**
  www.toseeka.com

WEB RESULTS by Google (Showing Results 1 - 10 of 2,150)

1. General Objectives for The Science Archive
A typical **load time** of 3-5 seconds to access a frame is acceptable. ... of a
client-server system arises from the separation of
processing tasks. ...
http://www.astro.princeton.edu/PBOOK/appsoft/appsoft.htm

2. Modeling and Analysis of Quality of Service
The main benefit of modeling and simulation is to
provide insight into the ...
This represents average amount of **time** for **client** to
load the **processing** from ...
http://www.csd.uwo.ca/faculty/andrews/grads/wye/REPORT.DOC

3. Mark's Sysinternals Blog: Sony, Rootkits and Digital Rights ...
I **predict** that maybe the next **time** you're purchasing a
music CD with similar DRM
software ... While the program will still kill your CPU's
processing time, ...
http://www.sysinternals.com/blog/2005/10/sony-rootkits-and-digital-rig...

4. Quarterly Progress Report May 1, 1996
At this **time,** we have operationalized three sublanguage
dictionaries: ...
can select any combination of authors and index terms to
reissue a search. ...
http://elib.cs.berkeley.edu/admin/quarterly_reports/96q1.html

5. TraceBack: First Fault Diagnosis by Reconstruction of Distributed ...
To avoid the module **load-time** penalty of DAG rebasing,
... 4.3.2 Multi-threaded
trace **display**. To **provide** a sense of what other threads
were doing when the ...
http://www.cs.utexas.edu/users/witchel/pubs/pldi05ayers.pdf

6. Configuring Interfaces
To **display** the CPU **load,** use the show **process** cpu
EXEC command. ... Step 2

v'   ⌐

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Debnath, S.; Mitra, P.; Pal, N.; Giles, C.L.;
Knowledge and Data Engineering, IEEE Transactions on
Volume 17, Issue 9, Sept. 2005 Page(s):1233 - 1246
Digital Object Identifier 10.1109/TKDE.2005.138

AbstractPlus | Full Text: PDF(1960 KB)   IEEE JNL
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☐   2. **Using signatures to improve URL routing**
Genova, Z.; Christensen, K.J.;
Performance, Computing, and Communications Conference, 2002. 21st IEEE
3-5 April 2002 Page(s):45 - 52
Digital Object Identifier 10.1109/IPCCC.2002.995135

AbstractPlus | Full Text: PDF(743 KB)   IEEE CNF
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☐   3. **Self-maintaining Web pages-an overview**
Schrefl, M.; Kapsammer, E.; Retschitzegger, W.; Proll, B.;
Database Conference, 2001. ADC 2001. Proceedings. 12th Australasian
29 Jan.-2 Feb. 2001 Page(s):83 - 90
Digital Object Identifier 10.1109/ADC.2001.904468

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☐   4. **Info-Plaza: A social information filtering system for the World-Wide Web**
Hiraiwa, S.; Kohda, Y.;
Parallel and Distributed Systems, 1996. Proceedings., 1996 International Conf
3-6 June 1996 Page(s):10 - 15
Digital Object Identifier 10.1109/ICPADS.1996.517539

AbstractPlus | Full Text: PDF(780 KB)   IEEE CNF
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☐   5. **A server-independent password authentication method for access-contrc**
Hui Luo;
Global Telecommunications Conference, 2000. GLOBECOM '00. IEEE
Volume 1, 27 Nov.-1 Dec. 2000 Page(s):361 - 364 vol.1
Digital Object Identifier 10.1109/GLOCOM.2000.892030

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Volume 17, Issue 9, Sept. 2005 Page(s):1233 - 1246
Digital Object Identifier 10.1109/TKDE.2005.138

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Database Conference, 2001. ADC 2001. Proceedings. 12th Australasian
29 Jan.-2 Feb. 2001 Page(s):83 - 90
Digital Object Identifier 10.1109/ADC.2001.904468

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☐ 3. **A method for supporting Web page design based on impression of Web**
Watanabe, M.; Yoshida, T.; Saiwaki, N.; Nishida, S.;
Robot and Human Interactive Communication, 2000. RO-MAN 2000. Proceedi
International Workshop on
27-29 Sept. 2000 Page(s):13 - 17
Digital Object Identifier 10.1109/ROMAN.2000.892462

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☐ 4. **Phishing Web page detection**
Liu Wenyin; Guanglin Huang; Liu Xiaoyue; Xiaotie Deng; Zhang Min;
Document Analysis and Recognition, 2005. Proceedings. Eighth International (
29 Aug.-1 Sept. 2005 Page(s):560 - 564 Vol. 2
Digital Object Identifier 10.1109/ICDAR.2005.190

AbstractPlus | Full Text: PDF(184 KB) IEEE CNF
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☐ 5. **Detecting the content related parts of Web pages**
Yong Li; Zhiguo Gong; Ke Qi;
Services Systems and Services Management, 2005. Proceedings of ICSSSM '
International Conference on
Volume 2, 13-15 June 2005 Page(s):1071 - 1074 Vol. 2

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☐   2. **Self-maintaining Web pages-an overview**
Schrefl, M.; Kapsammer, E.; Retschitzegger, W.; Proll, B.;
<u>Database Conference, 2001. ADC 2001. Proceedings. 12th Australasian</u>
29 Jan.-2 Feb. 2001 Page(s):83 - 90
Digital Object Identifier 10.1109/ADC.2001.904468

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☐   3. **A method for supporting Web page design based on impression of Web ▮**
Watanabe, M.; Yoshida, T.; Saiwaki, N.; Nishida, S.;
<u>Robot and Human Interactive Communication, 2000. RO-MAN 2000. Proceedi</u>
<u>International Workshop on</u>
27-29 Sept. 2000 Page(s):13 - 17
Digital Object Identifier 10.1109/ROMAN.2000.892462

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☐   4. **Phishing Web page detection**
Liu Wenyin; Guanglin Huang; Liu Xiaoyue; Xiaotie Deng; Zhang Min;
<u>Document Analysis and Recognition, 2005. Proceedings. Eighth International (</u>
29 Aug.-1 Sept. 2005 Page(s):560 - 564 Vol. 2
Digital Object Identifier 10.1109/ICDAR.2005.190

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☐   5. **Detecting the content related parts of Web pages**
Yong Li; Zhiguo Gong; Ke Qi;
<u>Services Systems and Services Management, 2005. Proceedings of ICSSSM '</u>
<u>International Conference on</u>
Volume 2, 13-15 June 2005 Page(s):1071 - 1074 Vol. 2

Digital Object Identifier 10.1109/ICSSSM.2005.1500159

AbstractPlus | Full Text: PDF(206 KB)   IEEE CNF
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6. **Concurrent browsing of bilingual Web sites by content-synchronization a detection**
Nadamoto, A.; Ma Qiang; Tanaka, K.;
Web Information Systems Engineering, 2003. WISE 2003. Proceedings of the International Conference on
10-12 Dec. 2003 Page(s):189 - 199
Digital Object Identifier 10.1109/WISE.2003.1254482

AbstractPlus | Full Text: PDF(6031 KB)   IEEE CNF
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7. **Discovering authorities and hubs in different topological Web graph stru**
Meghabghab, G.;
Information Technology: Coding and Computing, 2001. Proceedings. Internatic on
2-4 April 2001 Page(s):594 - 598
Digital Object Identifier 10.1109/ITCC.2001.918861

AbstractPlus | Full Text: PDF(492 KB)   IEEE CNF
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8. **User interfaces for lightweight in-line editing of Web pages**
Rees, M.J.;
User Interface Conference, 2000. AUIC 2000. First Australasian
31 Jan.-3 Feb. 2000 Page(s):88 - 94
Digital Object Identifier 10.1109/AUIC.2000.822071

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9. **Algorithms of mining intact record from isomorphic Web page**
Yong Qiu; Yong-Jie Lan;
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Volume 4, 18-21 Aug. 2005 Page(s):2373 - 2378 Vol. 4
Digital Object Identifier 10.1109/ICMLC.2005.1527341

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Hui Luo;
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11. **A hypertext database for advanced sharing of distributed web pages**
Yamakita, T.; Fuji, T.;
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12. **Adapting Web pages for small-screen devices**
Yu Chen; Xing Xie; Wei-Ying Ma; Hong-Jiang Zhang;
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14. **A Weighted Freshness Metric for Maintaining Search Engine Local Repo:**
Jianchao Han; Cercone, N.; Xiaohua Hu;
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16. **Transformation volatility and the gateway model for Web page migration devices**
Watters, C.; MacKay, B.;
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17. **Web pages of three multinational companies addressing consumer items economically designed?**
Bafail, A.O.; Rizvi, S.A.H.; Ishrat, S.I.; Siddiqui, T.W.;
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18. **Background color coordination support system for Web Page design**
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Meghabghab, G.;
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21. **Visual similarity comparison for Web page retrieval**
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22. **Using probabilistic latent semantic analysis for Web page grouping**
Guandong Xu; Yanchun Zhang; Xiaofang Zhou;
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Digital Object Identifier 10.1109/RIDE.2005.16

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24. **WebTelop: dynamic TV-content augmentation by using Web pages**
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Volume 2, 6-9 July 2003 Page(s):II - 173-6 vol.2
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25. **Constructing a personal web map with anytime-control of Web robots**
Yamada, S.; Nagino, N.;
Cooperative Information Systems, 1999. CoopIS '99. Proceedings. 1999 IFCIS
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2-4 Sept. 1999 Page(s):140 - 147
Digital Object Identifier 10.1109/COOPIS.1999.792165

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Inventor: KIM HAE CHEOL (KR)

Applicant: SAMSUNG ELECTRONICS CO LTD (KR)

EC:

IPC: *H04N1/04*; H04N1/04; (IPC1-7): H04N1/04

Publication info: **KR2003089226** - 2003-11-21

2   **SYSTEM FOR PROCESSING MEMBER STORE DATA WITH REAL TIME DATA OUTPUT DEVICE AND METHOD FOR PROCESSING THE SAME**

Inventor: SONG HYUN JONG (KR)

Applicant: SONG HYUN JONG (KR)

EC:

IPC: *H04N7/173*; H04N7/173; (IPC1-7): H04N7/173

Publication info: **KR2003082310** - 2003-10-22

3   **METHOD FOR PROCESSING DATA CALL IN REAL TIME IN MOBILE SYSTEM**

Inventor: SHIN YEONG JONG (KR)

Applicant: LG ELECTRONICS INC (KR)

EC:

IPC: *H04Q7/20*; H04Q7/20; (IPC1-7): H04Q7/20

Publication info: **KR2003076011** - 2003-09-26

4   **METHOD FOR CREATING TIME OF DATA PROCESSING DEVICE AND DEVICE THEREOF**

Inventor: HAN HO SEONG (KR)

Applicant: SAMSUNG ELECTRONICS CO LTD (KR)

EC:

IPC: *G06F15/16*; G06F15/16; (IPC1-7): G06F15/16

Publication info: **KR2003047334** - 2003-06-18

5   **MHEG ENGINE AND REAL-TIME DATA PROCESSING METHOD USING THE SAME**

Inventor: LEE HA GEUN (KR)

Applicant: LG ELECTRONICS INC (KR)

EC:

IPC: *H04N7/24*; H04N7/24; (IPC1-7): H04N7/24

Publication info: **KR2003047093** - 2003-06-18

6   **METHOD FOR PROCESSING DATA BETWEEN TIME LAPSE VCR AND QUAD SPRITE BOARD**

Inventor: LEE JUN HUI (KR)

Applicant: DAE WOO ELECTRONICS CORP (KR)

EC:

IPC: *H04N7/18*; H04N7/18; (IPC1-7): H04N7/18

Publication info: **KR2003028889** - 2003-04-11

7   **METHOD OF ASSIGNING AND DETERMINING WIRELESS TRAFFIC DATA PROCESSING TIME IN ASYNCHRONOUS WIRELESS COMMUNICATION SYSTEM**

Inventor: LEE JE HEON (KR); LEE SUK JIN (KR); (+2)

Applicant: KOREA ELECTRONICS TELECOMM (KR)

EC:

IPC: *H04L12/28*; H04L12/28; (IPC1-7): H04L12/28

Publication info: **KR2003016545** - 2003-03-03

8   **METHOD FOR PROCESSING ELASTIC ACOUSTIC WAVE DATA TIME VARYING OPTIMUM OFFSET**

Inventor: KIM KI YOUNG (KR)

Applicant: GEOCON CORP (KR); KIM KI YOUNG (KR)

EC: G01V1/28

IPC: *G01V1/30; G01V1/28*; G01V1/28 (+1)

Publication info: **KR2001090027** - 2001-10-18

9   **OPERATION CIRCUIT AND METHOD FOR PROCESSING REAL-TIME VIDEO DATA IN DIGITAL SIGNAL PROCESSOR AND MICROPROCESSOR**

Inventor: JUN YEONG SEOP (KR); SUNWOO MYUNG HOON (KR)

Applicant: SUNWOO MYUNG HOON (KR)

EC: IPC: *H04N7/24*; H04N7/24; (IPC1-7): H04N7/24

Publication info: KR2003011978 - 2003-02-12

10 APPARATUS AND METHOD FOR PROCESSING DATA IN REAL TIME IN SWITCHING SYSTEM
    Inventor: KIM TAE GYEONG (KR); KIM YEONG HO (KR) Applicant: LG ELECTRONICS INC (KR)

EC: IPC: *H04M3/00*; **H04M3/00**; (IPC1-7): H04M3/00

Publication info: KR2002033250 - 2002-05-06

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1 Rendering: Rendering time estimation for real-time rendering   ◼
Michael Wimmer, Peter Wonka
June 2003 **Proceedings of the 14th Eurographics workshop on Rendering EGRW '03**
Publisher: Eurographics Association

Full text available: 📄 pdf(2.46 MB)   Additional Information: full citation, abstract, references, citings, index terms

> This paper addresses the problem of estimating the rendering time for a real-time simulation. We study different factors that contribute to the rendering time in order to develop a framework for rendering time estimation. Given a viewpoint (or view cell) and a list of potentially visible objects, we propose several algorithms that can give reasonable upper limits for the rendering time on consumer hardware. This paper also discusses several implementation issues and design choices that are neces ...

2 Visualizing real-time multivariate data using preattentive processing   ◼
◈ Christopher G. Healey, Kellogg S. Booth, James T. Enns
July 1995 **ACM Transactions on Modeling and Computer Simulation (TOMACS)**, Volume 5 Issue 3
Publisher: ACM Press

Full text available: 📄 pdf(2.85 MB)   Additional Information: full citation, abstract, references, citings, index terms

> A new method is presented for visualizing data as they are generated from real-time applications. These techniques allow viewers to perform simple data analysis tasks such as detection of data groups and boundaries, target detection, and estimation. The goal is to do this rapidly and accurately on a dynamic sequence of data frames. Our techniques take advantage of an ability of the human visual system called preattentive processing. Preattentive processing refers to an initial organization ...

> **Keywords:** boundary detection, cognitive psychology, curvature, hue, human vision, icon, multivariate data, preattentive, scientific visualization, target detection, visual interactive simulation

3 Integrating targeted cycle-time reduction into the capital planning process   ◼
Navdeep S. Grewal, Alvin C. Bruska, Timbur M. Wulf, Jennifer K. Robinson
December 1998 **Proceedings of the 30th conference on Winter simulation**
Publisher: IEEE Computer Society Press

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1 Using certes to infer client response time at the web server
David Olshefski, Jason Nieh, Dakshi Agrawal
February 2004 **ACM Transactions on Computer Systems (TOCS)**, Volume 22 Issue 1
Publisher: ACM Press
Full text available: 🗎 pdf(2.30 MB)   Additional Information: full citation, abstract, references, index terms

> As businesses continue to grow their World Wide Web presence, it is becoming increasingly
> vital for them to have quantitative measures of the mean client perceived response times of
> their web services. We present Certes (CliEnt Response Time Estimated by the Server), an
> online server-based mechanism that allows web servers to estimate mean client perceived
> response time, as if measured at the client. Certes is based on a model of TCP that quantifies
> the effect that connection drops have on mean ...

> **Keywords**: Web server, client perceived response time

2 Effective page refresh policies for Web crawlers
Junghoo Cho, Hector Garcia-Molina
December 2003 **ACM Transactions on Database Systems (TODS)**, Volume 28 Issue 4
Publisher: ACM Press
Full text available: 🗎 pdf(345.52 KB)   Additional Information: full citation, abstract, references, index terms

> In this article, we study how we can maintain local copies of remote data sources "fresh," when
> the source data is updated autonomously and independently. In particular, we study the
> problem of *Web crawlers* that maintain local copies of remote Web pages for Web search
> engines. In this context, remote data sources (Websites) do not notify the copies (Web
> crawlers) of new changes, so we need to periodically *poll* the sources to maintain the copies up-
> to-date. Since polling the sources ...

> **Keywords**: Web crawlers, page refresh, web search engines, world-wide web

3 Searching the Web
Arvind Arasu, Junghoo Cho, Hector Garcia-Molina, Andreas Paepcke, Sriram Raghavan
August 2001 **ACM Transactions on Internet Technology (TOIT)**, Volume 1 Issue 1
Publisher: ACM Press

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1 Web crawling and measurement: Efficient URL caching for world wide web crawling   ⬛
Andrei Z. Broder, Marc Najork, Janet L. Wiener
May 2003 **Proceedings of the 12th international conference on World Wide Web**
Publisher: ACM Press

Full text available: 📄 pdf(174.37 KB)   Additional Information: full citation, abstract, references, citings, index terms

Crawling the web is deceptively simple: the basic algorithm is (a) Fetch a page (b) Parse it to extract all linked URLs (c) For all the URLs not seen before, repeat (a)-(c). However, the size of the web (estimated at over 4 billion pages) and its rate of change (estimated at 7% per week) move this plan from a trivial programming exercise to a serious algorithmic and system design challenge. Indeed, these two factors alone imply that for a reasonably fresh and complete crawl of the web, step (a) ...

Keywords: URL caching, caching, crawling, distributed crawlers, web crawlers, web graph models

2 Effective page refresh policies for Web crawlers   ⬛
Junghoo Cho, Hector Garcia-Molina
December 2003 **ACM Transactions on Database Systems (TODS)**, Volume 28 Issue 4
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In this article, we study how we can maintain local copies of remote data sources "fresh," when the source data is updated autonomously and independently. In particular, we study the problem of *Web crawlers* that maintain local copies of remote Web pages for Web search engines. In this context, remote data sources (Websites) do not notify the copies (Web crawlers) of new changes, so we need to periodically *poll* the sources to maintain the copies up-to-date. Since polling the sources ...

Keywords: Web crawlers, page refresh, web search engines, world-wide web

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David Olshefski, Jason Nieh, Dakshi Agrawal
February 2004 **ACM Transactions on Computer Systems (TOCS)**, Volume 22 Issue 1

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1 Understanding the management of client perceived response time   ■

David Olshefski, Jason Nieh
June 2006 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the joint international conference on Measurement and modeling of computer systems SIGMETRICS '06/Performance '06**, Volume 34 Issue 1
Publisher: ACM Press
Full text available: 🗎 pdf(343.30 KB)   Additional Information: full citation, abstract, references, index terms

Understanding and managing the response time of web services is of key importance as dependence on the World Wide Web continues to grow. We present *Remote Latency-based Management* (RLM), a novel server-side approach for managing pageview response times as perceived by remote clients, in real-time. RLM passively monitors server-side network traffic, accurately tracks the progress of page downloads and their response times in real-time, and dynamically adapts connection setup behavior and w ...

Keywords: QoS, admission control, client perceived response time, web server performance

2 The internet vs e-commerce servers: when will server performance matter?   ■
D. Krishnamurthy, J. Rolia
November 1998 **Proceedings of the 1998 conference of the Centre for Advanced Studies on Collaborative research**
Publisher: IBM Press
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The cycle time of an Internet based online shopper includes time at an electronic commerce (e-commerce) server to gather information and purchase products, download time to transfer data over the Internet, and think time for interpreting the results of individual requests. Currently most home based shoppers are limited to 56.6K modems and have cycle times largely determined by download time. Mega-bit (Mb) modems will soon be commonplace and will cause a significant reduction in the download time ...

3 Effective page refresh policies for Web crawlers   ■
Junghoo Cho, Hector Garcia-Molina
December 2003 **ACM Transactions on Database Systems (TODS)**, Volume 28 Issue 4
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1 Web crawling and measurement: A large-scale study of the evolution of web pages   ◼
◆ Dennis Fetterly, Mark Manasse, Marc Najork, Janet Wiener
May 2003 **Proceedings of the 12th international conference on World Wide Web**
Publisher: ACM Press

Full text available: 📄 pdf(806.78 KB)   Additional Information: full citation, abstract, references, citings, index terms

How fast does the web change? Does most of the content remain unchanged once it has been authored, or are the documents continuously updated? Do pages change a little or a lot? Is the extent of change correlated to any other property of the page? All of these questions are of interest to those who mine the web, including all the popular search engines, but few studies have been performed to date to answer them.One notable exception is a study by Cho and Garcia-Molina, who crawled a set of 720,00 ...

Keywords: degree of change, rate of change, web characterization, web evolution, web pages

2 Learning classifiers: Using urls and table layout for web classification tasks   ◼
◆ L. K. Shih, D. R. Karger
May 2004 **Proceedings of the 13th international conference on World Wide Web**
Publisher: ACM Press
Full text available: 📄 pdf(357.43 KB)   Additional Information: full citation, abstract, references, index terms

We propose new features and algorithms for automating Web-page classification tasks such as content recommendation and ad blocking. We show that the automated classification of Web pages can be much improved if, instead of looking at their textual content, we consider each links's URL and the visual placement of those links on a referring page. These features are unusual: rather than being scalar measurements like word counts they are *tree structured*---describing the position of the item ...

Keywords: classification, news recommendation, tree structures, web applications

3 The internet vs e-commerce servers: when will server performance matter?   ◼
D. Krishnamurthy, J. Rolia
November 1998 **Proceedings of the 1998 conference of the Centre for Advanced**

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3 Using certes to infer client response time at the web server   ■
David Olshefski, Jason Nieh, Dakshi Agrawal
February 2004 **ACM Transactions on Computer Systems (TOCS)**, Volume 22 Issue 1
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1 Web crawling and measurement: Efficient URL caching for world wide web crawling   ■
◆ Andrei Z. Broder, Marc Najork, Janet L. Wiener
May 2003 **Proceedings of the 12th international conference on World Wide Web**
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Keywords: URL caching, caching, crawling, distributed crawlers, web crawlers, web graph models

2 Bandwidth and traffic estimation techniques: A methodology for estimating   ■
◆ interdomain web traffic demand
Anja Feldmann, Nils Kammenhuber, Olaf Maennel, Bruce Maggs, Roberto De Prisco, Ravi Sundaram
October 2004 **Proceedings of the 4th ACM SIGCOMM conference on Internet measurement**
Publisher: ACM Press

Full text available: 📄 pdf(1.08 MB)   Additional Information: full citation, abstract, references, index terms

This paper introduces a methodology for estimating interdomain Web traffic lows between all clients worldwide and the ervers belonging to over one housand content providers. The idea is to use the server logs from a large ontent Delivery Network (CDN) to identify client downloads of content provider (i.e., publisher) Web pages. For each of these Web pages, a client typically downloads some objects from the content provider, some from the CDN, and perhaps some from third parties such as banner ...

Keywords: analysis, estimation, interdomain, traffic demand, traffic matrix, web

3

Using certes to infer client response time at the web server
David Olshefski, Jason Nieh, Dakshi Agrawal
February 2004 **ACM Transactions on Computer Systems (TOCS)**, Volume 22 Issue 1
Publisher: ACM Press
Full text available: pdf(2.30 MB)   Additional Information: full citation, abstract, references, index terms

> As businesses continue to grow their World Wide Web presence, it is becoming
> increasingly vital for them to have quantitative measures of the mean client perceived
> response times of their web services. We present Certes (CliEnt Response Time Estimated
> by the Server), an online server-based mechanism that allows web servers to estimate
> mean client perceived response time, as if measured at the client. Certes is based on a
> model of TCP that quantifies the effect that connection drops have on mean ...
>
> **Keywords**: Web server, client perceived response time

4   Measuring and characterizing end-to-end Internet service performance
Ludmila Cherkasova, Yun Fu, Wenting Tang, Amin Vahdat
November 2003 **ACM Transactions on Internet Technology (TOIT)**, Volume 3 Issue 4
Publisher: ACM Press
Full text available: pdf(1.46 MB)   Additional Information: full citation, abstract, references, index terms

> Fundamental to the design of reliable, high-performance network services is an
> understanding of the performance characteristics of the service as perceived by the client
> population as a whole. Understanding and measuring such end-to-end service
> performance is a challenging task. Current techniques include periodic sampling of service
> characteristics from strategic locations in the network and instrumenting Web pages with
> code that reports client-perceived latency back to a performance server. Li ...
>
> **Keywords**: End-to-end service performance, QoS, network packet traces, passive
> monitoring, reconstruction of web page composition, web site performance

5   The internet vs e-commerce servers: when will server performance matter?
D. Krishnamurthy, J. Rolia
November 1998 **Proceedings of the 1998 conference of the Centre for Advanced
Studies on Collaborative research**
Publisher: IBM Press
Full text available: pdf(113.14 KB)   Additional Information: full citation, abstract, references, index terms

> The cycle time of an Internet based online shopper includes time at an electronic
> commerce (e-commerce) server to gather information and purchase products, download
> time to transfer data over the Internet, and think time for interpreting the results of
> individual requests. Currently most home based shoppers are limited to 56.6K modems
> and have cycle times largely determined by download time. Mega-bit (Mb) modems will
> soon be commonplace and will cause a significant reduction in the download time ...

6   Searching the Web
Arvind Arasu, Junghoo Cho, Hector Garcia-Molina, Andreas Paepcke, Sriram Raghavan
August 2001 **ACM Transactions on Internet Technology (TOIT)**, Volume 1 Issue 1
Publisher: ACM Press
Full text available: pdf(319.98 KB)   Additional Information: full citation, abstract, references, citings, index
terms, review

> We offer an overview of current Web search engine design. After introducing a generic
> search engine architecture, we examine each engine component in turn. We cover
> crawling, local Web page storage, indexing, and the use of link analysis for boosting

search performance. The most common design and implementation techniques for each of these components are presented. For this presentation we draw from the literature and from our own experimental search engine testbed. Emphasis is on introduci ...

Keywords: HITS, PageRank, authorities, crawling, indexing, information retrieval, link analysis, search engine

7 Effective page refresh policies for Web crawlers

Junghoo Cho, Hector Garcia-Molina
December 2003 **ACM Transactions on Database Systems (TODS)**, Volume 28 Issue 4
Publisher: ACM Press
Full text available: pdf(345.52 KB)   Additional Information: full citation, abstract, references, index terms

In this article, we study how we can maintain local copies of remote data sources "fresh," when the source data is updated autonomously and independently. In particular, we study the problem of *Web crawlers* that maintain local copies of remote Web pages for Web search engines. In this context, remote data sources (Websites) do not notify the copies (Web crawlers) of new changes, so we need to periodically *poll* the sources to maintain the copies up-to-date. Since polling the sources ...

Keywords: Web crawlers, page refresh, web search engines, world-wide web

8 Shape-based retrieval and analysis of 3D models

Thomas Funkhouser, Michael Kazhdan
August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes SIGGRAPH '04**
Publisher: ACM Press
Full text available: pdf(12.56 MB)   Additional Information: full citation, abstract

Large repositories of 3D data are rapidly becoming available in several fields, including mechanical CAD, molecular biology, and computer graphics. As the number of 3D models grows, there is an increasing need for computer algorithms to help people find the interesting ones and discover relationships between them. Unfortunately, traditional text-based search techniques are not always effective for 3D models, especially when queries are geometric in nature (e.g., find me objects that fit into thi ...

9 Understanding the management of client perceived response time

David Olshefski, Jason Nieh
June 2006 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the joint international conference on Measurement and modeling of computer systems SIGMETRICS '06/Performance '06**, Volume 34 Issue 1
Publisher: ACM Press
Full text available: pdf(343.30 KB)   Additional Information: full citation, abstract, references, index terms

Understanding and managing the response time of web services is of key importance as dependence on the World Wide Web continues to grow. We present *Remote Latency-based Management* (RLM), a novel server-side approach for managing pageview response times as perceived by remote clients, in real-time. RLM passively monitors server-side network traffic, accurately tracks the progress of page downloads and their response times in real-time, and dynamically adapts connection setup behavior and w ...

Keywords: QoS, admission control, client perceived response time, web server performance

10 Stanford WebBase components and applications

Junghoo Cho, Hector Garcia-Molina, Taher Haveliwala, Wang Lam, Andreas Paepcke, Sriram Raghavan, Gary Wesley

May 2006 **ACM Transactions on Internet Technology (TOIT),** Volume 6 Issue 2

Publisher: ACM Press

Full text available: pdf(609.18 KB)   Additional Information: full citation, abstract, references, index terms

We describe the design and performance of WebBase, a tool for Web research. The system includes a highly customizable crawler, a repository for collected Web pages, an indexer for both text and link-related page features, and a high-speed content distribution facility. The distribution module enables researchers world-wide to retrieve pages from WebBase, and stream them across the Internet at high speed. The advantage for the researchers is that they need not all crawl the Web before beginning t ...

Keywords: WebBase Web crawler, distribution, hyperlink indexing, site crawling

11 Performance analysis of internet based software retrieval systems using Petri Nets

José Merseguer, Javier Campos, Eduardo Mena

July 2001 **Proceedings of the 4th ACM international workshop on Modeling, analysis and simulation of wireless and mobile systems**

Publisher: ACM Press

Full text available: pdf(886.62 KB)   Additional Information: full citation, abstract, references, index terms

Nowadays, there exist web sites that allow users to retrieve and install software in an easy way. The performance of these sites may be poor if they are used in wireless networks; the reason is the inadequate use of the net resources they need. If this kind of systems are designed using mobile agent technology the previous problem might be avoided. In this paper, we present a comparison between the performance of a software retrieval system especially designed to be used in wireless networks ...

Keywords: UML, internet, mobile agent technology, software performance engineering, stochastic Petri nets, wireless networks

12 N for the price of 1: bundling web objects for more efficient content delivery

Craig E. Wills, Mikhail Mikhailov, Hao Shang

April 2001 **Proceedings of the 10th international conference on World Wide Web**

Publisher: ACM Press

Full text available: pdf(208.61 KB)   Additional Information: full citation, references, citings, index terms

Keywords: HTTP, delta encoding, persistent connections, web performance

13 Mobility: Session level techniques for improving web browsing performance on wireless links

Pablo Rodriguez, Sarit Mukherjee, Sampath Ramgarajan

May 2004 **Proceedings of the 13th international conference on World Wide Web**

Publisher: ACM Press

Full text available: pdf(486.66 KB)   Additional Information: full citation, abstract, references, citings, index terms

Recent observations through experiments that we have performed incurrent third generation wireless networks have revealed that the achieved throughput over wireless links varies widely depending on the application. In particular, the throughput achieved by

file transfer application (FTP) and web browsing application (HTTP) are quite different. The throughput achieved over a HTTP session is much lower than that achieved over an FTP session. The reason for the lower HTTP throughput is that the HTT ...

Keywords: optimizations, web, wireless

14 Industrial and practical experience track paper session 2: Crawling a country: better · strategies than breadth-first for web page ordering
Ricardo Baeza-Yates, Carlos Castillo, Mauricio Marin, Andrea Rodriguez
May 2005 **Special interest tracks and posters of the 14th international conference on World Wide Web**
Publisher: ACM Press
Full text available: pdf(275.52 KB)   Additional Information: full citation, abstract, references, index terms

This article compares several page ordering strategies for Web crawling under several metrics. The objective of these strategies is to download the most "important" pages "early" during the crawl. As the coverage of modern search engines is small compared to the size of the Web, and it is impossible to index all of the Web for both theoretical and practical reasons, it is relevant to index at least the most important pages.We use data from actual Web pages to build Web graphs and execute a crawl ...

Keywords: scheduling policy, web crawler, web page importance

15 Fast detection of communication patterns in distributed executions
Thomas Kunz, Michiel F. H. Seuren
November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**
Publisher: IBM Press
Full text available: pdf(4.21 MB)   Additional Information: full citation, abstract, references, index terms

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

16 Analysing internet software retrieval systems: modeling and performance comparison
José Merseguer, Javier Campos, Eduardo Mena
May 2003 **Wireless Networks**, Volume 9 Issue 3
Publisher: Kluwer Academic Publishers
Full text available: pdf(425.44 KB)   Additional Information: full citation, abstract, references, citings, index terms

Nowadays, there exist web sites that allow users to retrieve and install software in an easy way. The performance of these sites may be poor if they are used in wireless networks; the reason is the inadequate use of the net resources that they need. If these kinds of systems are designed using mobile agent technology the previous problem might be avoided. In this paper, we present a comparison between the performance of a software retrieval system especially designed to be used in a wireless net ...

Keywords: UML, internet, mobile agent technology, software performance engineering, stochastic Petri nets

17 <u>GPRSWeb: optimizing the web for GPRS links</u>

Rajiv Chakravorty, Andrew Clark, Ian Pratt
May 2003 **Proceedings of the 1st international conference on Mobile systems, applications and services MobiSys '03**
Publisher: ACM Press
Full text available: pdf(1.03 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>

The General Packet Radio Service (GPRS) is being deployed by GSM network operators world-wide, and promises to offer users "always-on" data access at bandwidths comparable to that of conventional fixed-line telephone modems. Unfortunately, many users have found the reality to be rather different, experiencing very disappointing performance when, for example, browsing the web over GPRS.In this paper we investigate what causes the HTTP protocol and its underlying transport TCP to underperform in a ...

18 <u>Image Retrieval from the World Wide Web: Issues, Techniques, and Systems</u>

M. L. Kherfi, D. Ziou, A. Bernardi
March 2004 **ACM Computing Surveys (CSUR)**, Volume 36 Issue 1
Publisher: ACM Press
Full text available: pdf(294.13 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

With the explosive growth of the World Wide Web, the public is gaining access to massive amounts of information. However, locating needed and relevant information remains a difficult task, whether the information is textual or visual. Text search engines have existed for some years now and have achieved a certain degree of success. However, despite the large number of images available on the Web, image search engines are still rare. In this article, we show that in order to allow people to profi ...

Keywords: Image-retrieval, World Wide Web, crawling, feature extraction and selection, indexing, relevance feedback, search, similarity

19 <u>Internet and WWW-based systems: High performance crawling system</u>

Younès Hafri, Chabane Djeraba
October 2004 **Proceedings of the 6th ACM SIGMM international workshop on Multimedia information retrieval**
Publisher: ACM Press
Full text available: pdf(234.71 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

In the present paper, we will describe the design and implementation of a real-time distributed system of Web crawling running on a cluster of machines. The system crawls several thousands of pages every second, includes a high-performance fault manager, is platform independent and is able to adapt transparently to a wide range of configurations without incurring additional hardware expenditure. We will then provide details of the system architecture and describe the technical choices for ver ...

Keywords: hierarchical cooperation, high availability system, web crawler

20 <u>Crawling: Parallel crawlers</u>

Junghoo Cho, Hector Garcia-Molina
May 2002 **Proceedings of the 11th international conference on World Wide Web**
Publisher: ACM Press
Full text available: pdf(230.70 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

In this paper we study how we can design an effective parallel crawler. As the size of the

Web grows, it becomes imperative to parallelize a crawling process, in order to finish downloading pages in a reasonable amount of time. We first propose multiple architectures for a parallel crawler and identify fundamental issues related to parallel crawling. Based on this understanding, we then propose metrics to evaluate a parallel crawler, and compare the proposed architectures using 40 million pages ...

Keywords: parallelization, web crawler, web spider

Results 1 - 20 of 200   Result page: **1**   2   3   4   5   6   7   8   9   10   next

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